

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>Application Number</b>	10/632225	<b>Docket Number</b>	CNTR.2143
<b>Filed</b>	7/31/2003	<b>Group Art Unit</b>	2181
<b>Examiner</b>	Jesse R. Moll/Jesse R. Moll	<b>Customer No.</b>	23669
<b>Application Title</b>	APPARATUS AND METHOD FOR INVALIDATION OF REDUNDANT BRANCH TARGET ADDRESS CACHE ENTRIES		
<b>First Named Inventor</b>	Thomas C. McDonald		

### INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Mail Stop **AMENDMENT**  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Attached hereto is Form PTO-1449, submitted under 37 CFR 1.97(d) and 1.97(e)(2), listing documents believed relevant to the subject application. It is respectfully requested that the examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 CFR 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b) or is available as a reference under 35 U.S.C. §102 *et seq.* Applicant reserves the right to swear behind or otherwise disprove the alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

The enclosed documents may have markings thereon. No significance is intended to be attached to the markings.

- ☐ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement
- ☐ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

- ☐ Attached hereto is a check for the fee set forth in 37 CFR 1.17(p).
- ☒ Fee set forth in 37 CFR 1.17(p) has been submitted herewith

Respectfully submitted,

/E. Alan Davis/

By: \_\_\_\_\_

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5/26/2006

Date: \_\_\_\_\_

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

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**Complete if Known**

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Filing Date	7/31/2003
First Named Inventor	Thomas C. McDonald
Group Art Unit	2181
Examiner Name	Jesse R. Moll
Attorney Docket Number	CNTR 2143

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(f) known</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6101595	08-08-2000	Pickett et al.	
		6157988	12-05-2000	Eric M. Dowling	
		6968444	11-22-2005	Kroesche et al.	
		6725357	04-20-2004	Jean Philippe Cousin	
		6041405	03-21-2000	Thomas S. Green	
		6754808	06-22-2004	Roth et al.	
		6374350	04-16-2002	D'Sa et al.	
		5434985	07-18-1995	Emma et al.	
		5553246	09-03-1996	Hiromi Suzuki	
		6122729	09-19-2000	Thang M. Tran	
		6748441	06-08-2004	David James Gemmell	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Online Computing Dictionary. <a href="http://instantweb.com/d/dictionary/foldoc.cgi?query=btb">http://instantweb.com/d/dictionary/foldoc.cgi?query=btb</a> 05/05/1995. Branch Target Buffer	
		The D Latch, Play-Hockey Web Page, Oct 10, 1999.	
		Patterson et al. "Computer Organization & Design: The Hardware/Software Interface." Morgan Kaufmann Publishers, Inc. San Francisco, CA. 1998 Page 469	
		Jimenez et al. "The Impact of Delay on the Design of Branch Predictors." 2000	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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